WIRE AND STEEL SPECIALTIES

MADE BY

DE HAVEN MFG. CO.

30 & 32 COLUMBIA HEIGHTS
BROOKLYN N.Y.

LONDON GLASGOW

De Haven Mfg. Co.

50-54 Columbia Heights
Brooklyn, - *New York*

Manufacturers of

STEEL *and* WIRE
SPECIALTIES
BOX STRAPS
CLUTCH
NAILS
"TROJAN"
HOOP IRON
PATENT
BALE TIES
ETC.

Telephone
5620 Main

Cable Address
"Udhaven"

Factory
51-53-55-57-59-61-63 FURMAN STREET
Brooklyn, N. Y.

Chicago Office
46-48-50 N. HALSTED STREET

ARTICLES

MANUFACTURED BY

DE HAVEN MFG. CO.

"TROJAN"

COLD ROLLED HOOP IRON

TROJAN BOX STRAPPING

ECLIPSE BOX STRAPPING

SELF MEASURING BOX STRAPPING

SELF DRAWING BOX STRAPPING

TWISTED WIRE BOX STRAPPING

TURNED EDGE BOX STRAPPING

CORRUGATED BOX STRAPPING

SIMPLEX BOX STRAPPING

CORNER IRONS

FLEXIBLE PAIL CLASPS

STAMP PROTECTORS

DETECTIVE SEALS.

SHINGLE BANDS

CORRUGATED FASTENERS

DEAD LOCK FASTENERS

BALE TIES AND BUCKLES

RING TRAVELLERS

BRONZE TWISTERS

De Haven Clutch Nails or Corner Irons.

A specialty designed especially to prevent cases, crates, etc., from splitting and breaking during transit. They substitute and supplement the ordinary nails. Being made with the prongs ready for driving they are quickly and easily applied to cases, crates, boxes, barrels, etc., and more than pay for themselves in the saving of breakage and consequent loss. Made in three styles. The original, with the turn-down ends, the one with rounded ends, and the old style with barbs cut from the side and nail holes in the centre. For general use, the regular De Haven clutch with the turn-down ends is considered the best. It insures a smooth finish and is not apt to be ripped off. As Bung Tins, the Clutch Nail with three prongs is used very extensively and with entire success.

PAT. DEC. 17, 1889

Prices.

No. 7, size 3½ in. x ¾ in. Clutch Nails, 4 prongs, 5 M. in case,	$3 25 M.
No. 7, size 3½ in. x ¾ in. Bung Tins, 2 prongs, 5 M. in case,	$3 25 M.
No. 11, size 4 in. x ¾ in. Bung Tins, 3 prongs, 5 M. in case,	$3 50 M.
No. 14, size 4 in. x 1 in. Clutch Nail, 5 prongs, 5 M. in case,	$4 00 M.
No. 14, size 4 in. x 1 in. Bung Tin, 3 prongs, 5 M. in case,	$4 00 M.
No. 21, size 6 in. x ¾ in. Clutch Nail, 5 prongs, 5 M. in case,	$4 00 M.
No. 28, size 6 in. x 1 in. Clutch Nails, 5 prongs, 5 M. in case,	$5 00 M.

B. & S. Strap

Size 3½ in. x ¾ in., 5 M. in a case,	$3 25 M.
" 4 " x ¾ " 5 M. " "	3 50 M.

PAT. DEC. 17, 1889.

Round Cornered Clutch Nails or Box Straps.

3½ in. x ¾ in.,	5 M. in case,	. .	$3 25	per M.
4 " x ¾ "	5 M. " "	. .	3 50	"
4 " x 1 "	5 M. " "	. .	4 00	"
5 " x 1 "	5 M. " "	. .	4 50	"
6 " x ¾ "	5 M. " "	. .	4 00	"
6 " x 1 "	5 M. " "	. .	5 00	"

DeHaven's Round Cornered Crate Hooks.

for very Heavy Crates, Cases, etc.

PRICES.

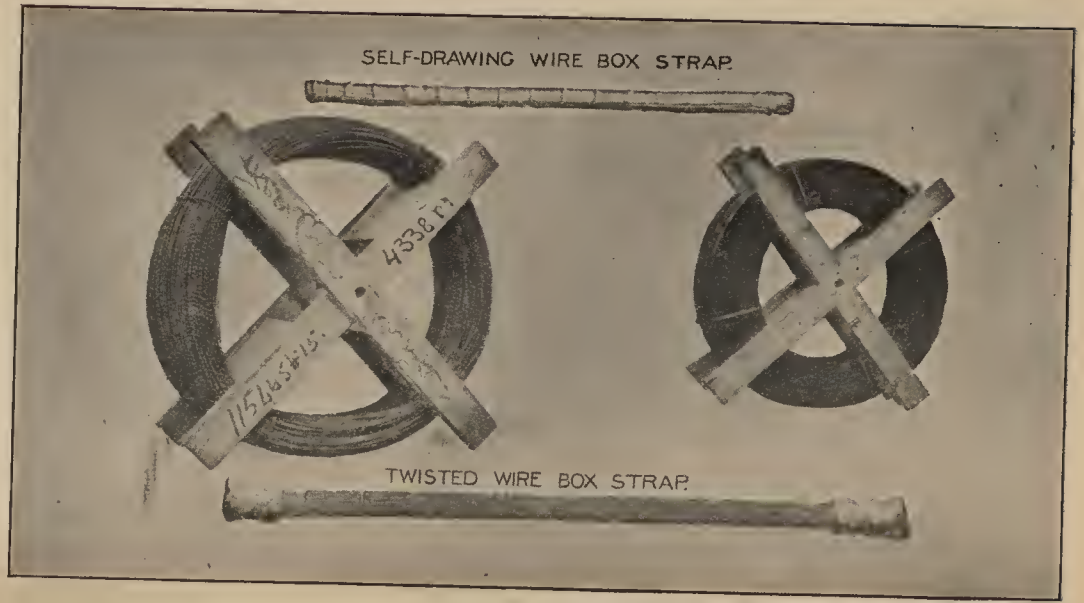
All these straps have five prongs and are ⅞ in. wide.

12 inches long,	$10 00	per M.
14 " "	12 00	"
16 " "	14 00	"
18 " "	16 00	"
20 " "	18 00	"
24 " "	22 00	"

Packed in cases of 1000 and 2500 each.

PAT. DEC. 17, 1889

The Round Cornered Clutch Nails are used as Bung Tins. They make the neatest and safest Bung Strap for oil, whiskey, glucose barrels, etc.


SELF-DRAWING WIRE BOX STRAP.
TWISTED WIRE BOX STRAP.

Twisted Wire Box Strap.

Made of two strands of soft Bessemer Wire twisted together, with nail holes at intervals of 3 and 6 inches Very strong and especially adapted for use on heavy cases. This strap is dry japanned and does not soil the hands. It is the ideal binder for packers of dry goods, neckwear, clothing, etc., where cleanliness is required. Made in three sizes.

COILS ON WOODEN SPOOLS, 4000 FEET.

No. 14, 27½ cts. per 100 feet.
" 15, 25 " " 100 "
" 18, 20 " " 100 "

The spools are so constructed that they can be used over again. one side being removable by unloosing bolts. First spool or frame free. An extra charge of 25 cents each will be made after first shipment if spools are ordered.

Price List of Twisted Wire Box Strap.

IN BUNDLES OF 100 PAIRS.

No. 18				No. 15				No. 14			
			Per Pair				Per Pair				Per Pair
4 ft.	long,	1½	cts.	4 ft.	long,	2	cts.	4 ft.	long,	2½	cts.
5 "	"	2	"	5 "	"	2½	"	5 "	"	3	"
6 "	"	2½	"	6 "	"	3	"	6 "	"	3½	"
7 "	"	3	"	7 "	"	3½	"	7 "	"	4	"
8 "	"	3½	"	8 "	"	4	"	8 "	"	4½	"
9 "	"	4	"	9 "	"	4½	"	9 "	"	5	"
10 "	"	4½	"	10 "	"	5	"	10 "	"	5½	"
11 "	"	5	"	11 "	"	5½	"	11 "	"	6	"
12 "	"	5½	"	12 "	"	6	"	12 "	"	6½	"

PAT. DEC. 13, 1887. PAT. MAR. 21, 1893

Self-Drawing Wire Strap.

The most satisfactory specialty on the market in this line.

Put up on reels of 5000 to 6000 feet.

A flat wire strap that lies close to the case, making a neat finish and having a split and spread hole every three inches; the nail being driven opens the walls of the holes, thus contracting the length of strap and tightening it about the case to a high degree.

The only strap that allows the nail to be driven flush with the wood.

We also make a special split with an extra hole, which makes a continuous split and spread throughout the entire length.

PRICES.

No. 1,	$\frac{3}{16}$ in.	wide	Wire	Strap,	25	cts.	per	100 feet.
" 2,	$\frac{7}{32}$ "	"	"	"	$27\frac{1}{2}$	"	"	100 feet
" 3,	$\frac{1}{4}$ "	"	"	"	30	"	"	100 feet.

Reels of 5000 to 6000 feet.

PAT. DEC. 13, 1887. PAT. MAR. 21, 1893.

Price List of Self-Drawing Wire Strap in Bundles.

Cut to Length.

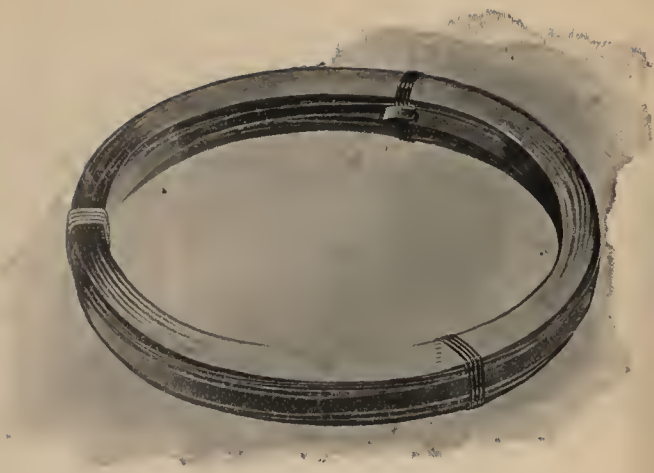
In Bundles of 100 Pairs.

No. 2.

								Per 100 Pairs
7/32	inch wide,	4	feet long,		100	pairs,	. .	$2 20
7/32	" "	5	"	"	100	"	. .	2 75
7/32	" "	6	"	"	100	"	. .	3 30
7/32	" "	7	"	"	100	"	. .	3 85
7/32	" "	8	"	"	100	"	. .	4 40
7/32	" "	9	"	"	100	"	. .	4 95
7/32	" "	10	"	"	100	"	. .	5 50
7/32	" "	12	"	"	100	"	. .	6 60

No. 3.

								Per 100 Pairs
¼	inch wide,	4	feet long,		100	pairs,	. .	$2 40
¼	" "	5	"	"	100	"	. .	3 00
¼	" "	6	"	"	100	"	. .	3 60
¼	" "	7	"	"	100	"	. .	4 20
¼	" "	8	"	"	100	"	. .	4 80
¼	" "	9	"	"	100	"	. .	5 40
¼	" "	10	"	"	100	"	. .	6 00
¼	" "	12	"	"	100	"	. .	7 20



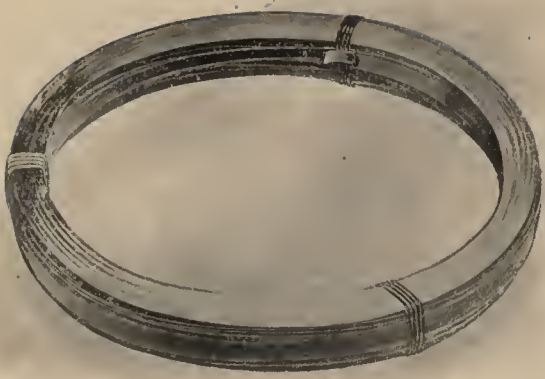
"Trojan" Cold Rolled Hoop Iron. Oil Finish.

A soft, ductile Bessemer Steel Band, with a fine Hard Oil Finish. Put up in coils of 50 to 75 lbs. each, *continuous length*, and packed in barrels of about 500 lbs. each. A nail can be readily driven through this material without first punching a hole, so it makes a very desirable box strapping for heavy cases. We carry an immense stock of this material on hand, and can make prompt delivery at any time.

Special attention is called to the great length of the single strips of this material. It is the only stock that can be furnished up to 1 inch wide in lengths of 2000 to 3000 feet, which saves time and waste ends.

Number of feet to the pound of various widths and gauges of "Trojan" Hoop Iron.

½ x 29, . . .	40 feet to the pound
½ x 27, . . .	36 " " "
½ x 25, . . .	34 " " "
⅝ x 29, . . .	34 " " "
⅝ x 27, . . .	30 " " "
⅝ x 25, . . .	23 " " "
¾ x 29, . . .	28 " " "
¾ x 27, . . .	24 " " "
¾ x 25, . . .	18 " " "
1 x 29, . . .	22 " " "
1 x 27, . . .	18 " " "
1 x 25, . . .	13 " " "



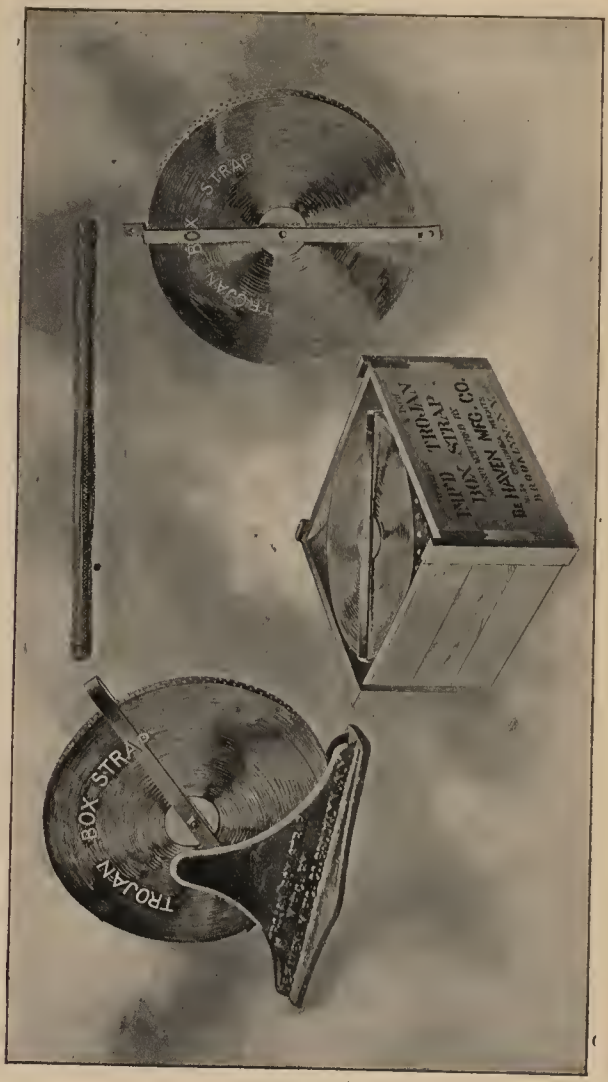
"Trojan" Cold Rolled Hoop Iron. Galvanized.

A soft, ductile Bessemer Steel Band, with a fine Galvanized Finish. Put up in coils of 50 to 75 lbs. each, *continuous length*, and packed in barrels of about 500 lbs. each. A nail can be readily driven through this material without first punching a hole, so it makes a very desirable box strapping for heavy cases. We carry an immense stock of this material on hand, and can make prompt delivery at any time.

Special attention is called to the great length of the single strips of this material. It is the only stock that can be furnished up to 1 inch wide in lengths of 2000 to 3000 feet, which saves time and waste ends.

Number of feet to the pound of various widths and gauges of "Trojan" Hoop Iron.

½ x 29, . . .	40 feet to the pound
½ x 27, . . .	36 " " "
½ x 25, . . .	34 " " "
⅝ x 29, . . .	34 " " "
⅝ x 27, . . .	30 " " "
⅝ x 25, . . .	23 " " "
¾ x 29, . . .	28 " " "
¾ x 27, . . .	24 " " "
¾ x 25, . . .	18 " " "
1 x 29, . . .	22 " " "
1 x 27, . . .	18 " " "
1 x 25, . . .	13 " " "


TROJAN
BOX STRAP
TROJAN
BOX STRAP
TROJAN
BOX STRAP
BLAKEN MFG. CO.

Improved Trojan Box Strap Iron on Individual Hangers.

A *continuous band* WITHOUT RIVETS. A soft steel strap, which allows the nail to be driven anywhere, having its surface bestudded with raises or embosses, which not only protect the head of the nail, but stiffen and strengthen the strap. This method of embossing does away with the objectionable feature of others, as the bosses are placed in such a manner as to prevent the nail from slipping, giving it a good purchase, and aiding the packer in tightening the strap about the case, thus making a neat and solid package. BEING DRAWN FROM ROUND WIRE THE STOCK HAS PERFECTLY SMOOTH EDGES.

This is considered by many to be the perfect box strap, on account of the beautiful finish it gives to a case, its great strength, and the ease with which it can be applied.

Put up in reels of 300 feet. Full measurement guaranteed, and packed in cases of twenty coils each.

PRICES

½ inch wide,	per case,	20 reels,	.	.	.	$20 00
⅝ "	"	" 20 "	.	.	.	25 00
¾ "	"	" 20 "	.	.	.	30 00
1 "	"	" 20 "	.	.	.	40 00

We make these goods plain or smooth, embossed or galvanized.

Improved
Trojan Box Strap in Lengths.

This strap is not made from sheet steel, like all others on the market in this line. Being rolled from the round wire, the edges are smooth, and will not cut in handling.

Packed in bundles of 100 pairs each.

We also make special lengths.

				Per 100 Pairs
½ inch wide,	4 feet long,	. . .	. . .	$2 00
½ " "	5 " "	. . .	. . .	2 50
½ " "	6 " "	. . .	. . .	3 00
½ " "	7 " "	. . .	. . .	3 50
½ " "	8 " "	. . .	. . .	4 00
½ " "	9 " "	. . .	. . .	4 50
½ " "	10 " "	. . .	. . .	5 00
½ " "	12 " "	. . .	. . .	6 00
⅝ inch wide,	4 feet long,	. . .	. . .	$2 40
⅝ " "	5 " "	. . .	. . .	3 00
⅝ " "	6 " "	. . .	. . .	3 60
⅝ " "	7 " "	. . .	. . .	4 20
⅝ " "	8 " "	. . .	. . .	4 80
⅝ " "	9 " "	. . .	. . .	5 40
⅝ " "	10 " "	. . .	. . .	6 00
⅝ " "	12 " "	. . .	. . .	7 20
¾ inch wide,	4 feet long,	. . .	. . .	$2 80
¾ " "	5 " "	. . .	. . .	3 50
¾ " "	6 " "	. . .	. . .	4 20
¾ " "	7 " "	. . .	. . .	4 90
¾ " "	8 " "	. . .	. . .	5 60
¾ " "	9 " "	. . .	. . .	6 30
¾ " "	10 " "	. . .	. . .	7 00
¾ " "	12 " "	. . .	. . .	8 40

The above price list is for all quantities from 100 to 400 pairs inclusive Liberal discounts for quantities to dealers and large consumers. These goods are made ⅞ and 1 inch wide, all lengths up to 12 feet. Prices furnished on application.

De Haven's Corrugated Box Strapping.

Cut Lengths.

This strap is not made from sheet steel, like all others on the market in this line. Being rolled from the round wire, the edges are smooth, and will not cut in handling.

Packed in bundles of 100 pairs each.

We also make special lengths.

				Per 100 Pairs
½ inch wide,	4 feet long,			$2 00
½ " "	5 " "			2 50
½ " "	6 " "			3 00
½ " "	7 " "			3 50
½ " "	8 " "			4 00
½ " "	9 " "			4 50
½ " "	10 " "			5 00
½ " "	12 " "			6 00
⅝ inch wide,	4 feet long,			$2 40
⅝ " "	5 " "			3 00
⅝ " "	6 " "			3 60
⅝ " "	7 " "			4 20
⅝ " "	8 " "			4 80
⅝ " "	9 " "			5 40
⅝ " "	10 " "			6 00
⅝ " "	12 " "			7 20
¾ inch wide,	4 feet long,			$2 80
¾ " "	5 " "			3 50
¾ " "	6 " "			4 20
¾ " "	7 " "			4 90
¾ " "	8 " "			5 60
¾ " "	9 " "			6 30
¾ " "	10 " "			7 00
¾ " "	12 " "			8 40

The above price list is for all quantities from 100 to 400 pairs inclusive. Liberal discounts for quantities to dealers and large consumers, These goods are made ⅞ and 1 inch wide, all lengths up to 12 feet. Prices furnished on application.

De Haven's Self Measuring Box Strapping.

IN COILS OF 300 FEET.

Each and every coil on an individual brake hanger. This Box Strap is made of Cold Rolled Soft Stock through which a nail can easily be driven, and so embossed that the nail in driving, does not slip. The nail in striking embosses has a tendency to draw the strap close to the box, or case, when driven home.

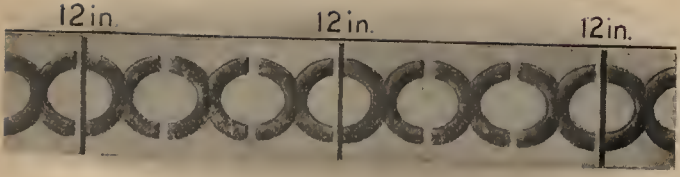
Every twelve inches is indexed, thus saving time in measuring the number of feet that the packer wants to use for the box or case.

It is rust proof, as it has a dry oil finish.

It is rolled from the round, therefore the edges are free from burrs, making it easy to handle, and not apt to cut the hands like other makes on the market.

PRICES.

½	inch	wide,	per case,	20 reels,	. . .	$20 00
⅝	"	"	"	20 "	. . .	25 00
¾	"	"	"	20 "	. . .	30 co
1	"	"	"	20 "	. . .	40 00



De Haven's Self-Measuring Box Strapping

Cut Lengths

This strap is not made from sheet steel, like all others on the market in this line. Being rolled from the round wire, the edges are smooth, and will not cut in handling.

Packed in bundles of 100 pairs each.

We also make special lengths.

				Per 100 Pairs
½ inch wide,	4	feet	long,	$2 00
½ " "	5	"	"	2 50
½ " "	6	"	"	3 00
½ " "	7	"	"	3 50
½ " "	8	"	"	4 00
½ " "	9	"	"	4 50
½ " "	10	"	"	5 00
½ " "	12	"	"	6 00
⅝ inch wide,	4	feet	long,	$2 40
⅝ " "	5	"	"	3 00
⅝ " "	6	"	"	3 60
⅝ " "	7	"	"	4 20
⅝ " "	8	"	"	4 80
⅝ " "	9	"	"	5 40
⅝ " "	10	"	"	6 00
⅝ " "	12	"	"	7 20
¾ inch wide,	4	feet	long,	$2 80
¾ " "	5	"	"	3 50
¾ " "	6	"	"	4 20
¾ " "	7	"	"	4 90
¾ " "	8	"	"	5 60
¾ " "	9	"	"	6 30
¾ " "	10	"	"	7 00
¾ " "	12	"	"	8 40

The above price list is for all quantities from 100 to 400 pairs inclusive. Liberal discounts for quantities to dealers and large consumers. These goods are made ⅞ and 1 inch wide, all lengths up to 12 feet. Prices furnished on application.

PAT. DEC. 7, 1889.

De Haven's Pail Hook

No. 7, about 115 Clasps to lb., 3¼ in. long, 100-lbs. bbls., $15 00
" 21, " 204 " " 2¾ " 15 00

This is a soft, flexible, copper-finish Clasp, with two prongs at each end, formed in such a manner that the driving surface is the same as the head of a nail.

For shippers of butter, lard, preserves, jellies, fruit, butter, fine-cut tobacco, candy, oysters, etc., De Haven's Pail Hook is the strongest, neatest and best device that has ever been put on the market.

Especially adapted for thin cases, such as tea, tobacco and cheese.

Also a special with prongs at one end only for *basket* covers.

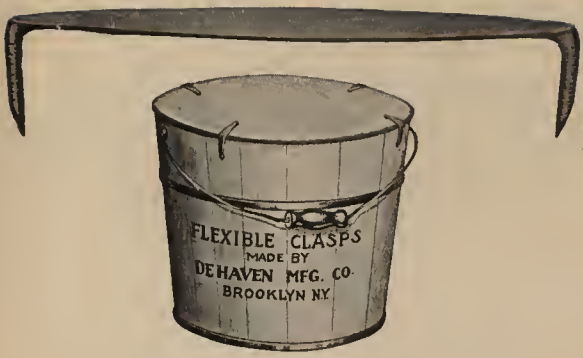
Hoop Fasteners.

For use on heavy hoops.

The corrugated prong is driven in the wood leaving the flat head projecting downward over the hoop.

Price, per lb., ... 8c.

Put up in kegs of 100 lbs.



De Haven's Flexible Pail Clasp

Coated—Silver—Copper—Black

Shippers of Buckets, Pails, Light Boxes and Skeleton Frames will find in our Soft, Flexible Clasp "A Little Wonder,' a Pull against a pull. When one prong is driven and then the clasp turned at right angles and driven home, clasp will hold twice as strong as a nail driven with the grain.

How made—The wire is flattened and softened in the center leaving the driving prongs strong and hard. Coated with a composition that when the prongs are driven into the wood, the friction melts composition and after a short time practically glues the prongs into the wood, the Copper or Silver finished clasps work well, where a strong holding power is not desired and receptacles want to be easily opened. This Clasp has the advantage of being driven a full inch away from the edge of pail or box, holding the tops as well as the sides of light boxes from springing.

Nearly as cheap as nails and far superior.

Made in different lengths and gauges of wire to suit purpose.

				LIST PRICES		Per Lb.
No. 1	(about	135	Clasps)	2¼ inch	. .	14 Cents
" 2	"	160	"	2¼ "	. .	15 "
" 3	"	185	"	2¼ "	. .	16 "
" 4	"	180	"	2¼ "	. .	16 "
" 5	"	150	"	2¼ "	. .	15 "
" 6	"	145	"	2¾ "	. .	15 "
" 7	"	160	"	2¼ "	. .	15 "
" 8	"	112	"	3 "	. .	14 "
" 9	"	135	"	3½ "	. .	15 "
" 10	"	110	"	3¾ "	. .	14 "
" 11	"	300	"	2 "	. .	18 "
" 12	"	500	"	1½ "	. .	22 "

Special discount for quantities.

Packed in Boxes of 50 lbs.
Half Barrels " 100 lbs.
Barrels " 350 lbs.

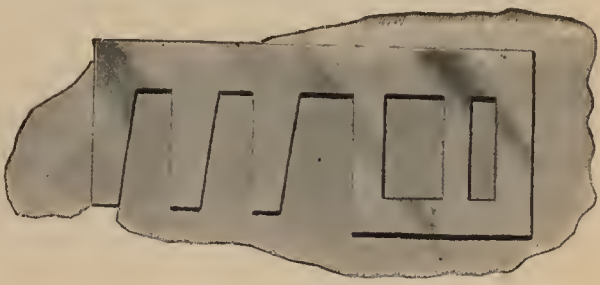
PAT. MAY 27, 1902

De Haven's Patent "Trojan" Bale Tie and Buckles.

This Tie consists of a flat band of a peculiarly ductile nature, It is almost as tough as leather and has enormous tensile strength. We make four widths, viz.:

½	inch	wide,	No.	27	gauge,	weighing	1 lb.	to	36 feet.
½	"	"	"	29	"	"	1	"	42 "
⅝	"	"	"	27	"	"	1	"	30 "
⅝	"	"	"	25	"	"	1	"	26 "
¾	"	"	"	27	"	"	1	"	24 "
¾	"	"	"	25	"	"	1	"	18 "
1	"	"	"	27	"	"	1	"	18 "
1	"	"	"	25	"	"	1	"	14 "

Put up in coils of 50 to 75 lbs., each continuous length having a special *hard oil finish*, which not only preserves the metal but makes an unusually attractive bale. Galvanized finish can be furnished at an extra charge of 1 ct. per lb. The band is packed in barrels of about 500 lbs. each.



PAT. MAY 27, 1902

"Trojan" Patent Buckle.

The above cut illustrates the "TROJAN" Buckle. It is the most satisfactory buckle on the market. The manner of lacing the Tie into the Buckle is shown above. After a little practice a good baler will lace these buckles more quickly than he can tie a knot in rope, and there is no danger of cutting the hands with splinters, etc.

We make the Buckles in three sizes to fit the band:

No. 1 for ¾ inch band run 14 to the pound.
" 2 " ⅝ " " " 18 " "
" 3 " ½ " " " 28 " "

All Buckles put up in kegs of 100 lbs. each.

The De Haven "Trojan" Shingle Bands and Shook Ties

are the lightest and strongest made. They are manufactured from our special hard oil finish stock, which prevents rust for a considerable length of time. The bands are punched at each end. We make both black and galvanized. Packed in barrels of 500 lbs. each. This band has superseded all others on account of its economy and usefulness. Carload orders will have prompt and careful attention. Can also be used for binding shooks and heading. Cut to any length desired up to twenty-four inches. The attention of the trade is called to the fact that we were the originators of the Rolled Band and made the first one in this country. We are therefore better prepared to meet the requirements of the trade for these goods.

Approximate number to lb.

½" — 10 — 48	⅝" — 10 — 41
½" — 11 — 44	⅝" — 11 — 37
½" — 12 — 40	⅝" — 12 — 34

De Haven's Stamp Protector.

This specialty is intended for protecting the revenue stamps on beer and other kegs. Two or four of these articles driven along the edge of the stamp prevent it from being destroyed during transit, etc. They are used by most all of the large brewers, who have found them both cheap and effective.

Put up in bbls. of 50,000 each, $1.25 per thousand.

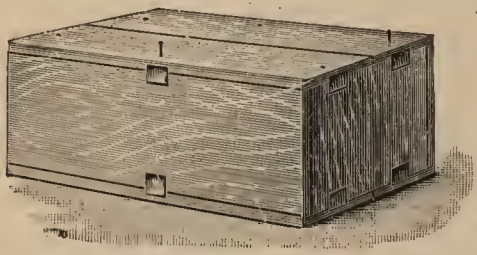
Lead Seals.

Cording Seals for Tobacco and Cigar shippers, also for use on railroad cars, milk cans, shoe cases, and in fact any package which, owing to shape or material, is unsuited to the use of our Little Detective Seal.

The Little Detective Seal.

The attention of the trade is called to the various imitations of our original LITTLE DETECTIVE SEAL, the use of which has become universal. The introduction of this economical and thorough device for sealing Wine and Liquor cases and similar packages was entirely due to our efforts, and we are the only manufacturers to-day who use the proper stock for making the seal which is really DETECTIVE. A similar device has been used on imported cases for many years past, especially by the French Wine Bottlers; and consumers who have had occasion to open these boxes will concede that it is the only reliable seal or preventive for keeping boxes free from being opened or tampered with, without being cut, that has been put on the market up to the present time. We have improved on the old style by arranging a series of saw teeth on the end extremities which facilitates driving. The stock is of a peculiar composition, that when being pried on will invariably break. We will guarantee that, by using the 5 or 6d brads, it will be impossible for a person to open a case without cutting the seal or tearing the body of the box to such an extent that the theft will be recognized at a mere glance.

The theory of using the brad is this: It throws down a burr or ragged edge when it punctures the seal; these ragged edges will sink into the fibres of the wood and form a resisting force that will break the end metal or head in attempting to remove it by chisel or other appliances usually used in opening cases.



This cut represents the application of the seal, driven in the top and bottom boards in conjunction with the butt boards of the case. Others use it also in the centre in conjunction with the side, top, and bottom boards, which makes it much safer, as it insures the non-springing or sagging of the case. As they have a holding power which will prevent them from sagging or the nails drawing out, it is impossible for the boards to work down when this appliance is used.

Packed in cases of 10,000 each, including tool for inserting them; ½ inch wide, $20.00; ⅝ inch, $25.00.

Special Discount is Made on Quantity Order.

De Haven's Turned Edge Box Strapping

A new and valuable addition to our list. This strap is made from the finest cold rolled steel band. The edges are folded over on themselves, making them double thickness and lending rigidity to the band. The centre is only one thickness, so a nail can be driven through it easily. The features of this desirable strap are: smooth round edges; lies flat to the case; not easily torn, and the nail is protected by the folds. Put up in coils of 5000 feet each, on wooden reels.

No. 1, ¼ inch,	. .	25 cents per 100 feet.
" 2, ⅜ "	. .	27½ " " 100 feet.

In Cut Lengths.

PRICE LIST.

¼"		⅜"	
4 ft., per 100 pairs,	$1 80	4 ft., per 100 pairs,	$2 50
5 " " 100 "	2 25	5 " " 100 "	3 00
6 " " 100 "	2 70	6 " " 100 "	3 50
7 " " 100 "	3 15	7 " " 100 "	4 00
8 " " 100 "	3 60	8 " " 100 "	4 50
9 " " 100 "	4 05	9 " " 100 "	5 00
10 " " 100 "	4 50	10 " " 100 "	5 50
12 " " 100 "	5 40	12 " " 100 "	6 50

Standard List of Corrugated Fasteners.

For securing the corners of Lock Corner Boxes, Crates, and for making tight and invisible joints in furniture, cabinet work, etc., etc. This specialty has the feature not found in others, in the flanging of the corrugations from the centre to the right and left, the effect being to draw the joint closer as the fastener is driven.

Discount on application.

Number of Corrugations	Inches in Depth						
	¼"	⅜"	½"	⅝"	¾"	⅞"	1"
No. 2	$ .45	$ .55	$ .60	$ .80	$ .90	$1.00	$1.15
" 3	.60	.75	.85	1.00	1.15	1.35	1.45
" 4	.75	.95	1.05	1.30	1.45	1.75	1.85
" 5	.90	1.20	1.30	1.70	1.85	2.20	2.40
" 6	1.10	1.40	1.50	1.85	2.15	2.55	2.85
" 7	1.30	1.60	1.80	2.20	2.50	3.00	3.35
" 8	1.50	1.80	2.10	2.55	2.90	3.45	3.85
" 9	1.75	2.00	2.40	2.90	3.20	3.65	4.10
" 10	2.00	2.20	2.70	3.15	3.55	3.90	4.35
" 11	2.20	2.40	2.85	3.30	3.75	4.15	4.65